

NOTICE TO CONTRACTOR – INVASIVE PLANT SPECIES

Invasive Plant Species¹ Not Permitted In the Wetland Mitigation Area: Only plant materials native and indigenous to the region shall be used within the Wetland Mitigation Area(s). Species not specified in the Mitigation Plan shall not be used without written approval from the Connecticut Department of Transportation's Office of Environmental Planning (OEP). Plant species on the following list and those detailed in Appendix D of the Army Corps of Engineers New England District Compensatory Mitigation Guidance shall not be used in and within 100 feet of the Mitigation Sites. All woody debris stockpiled in accordance with the special provision for "Clearing and Grubbing" must be free from the invasive species on the list.

a. Herbs:

<i>Aegopodium podagraria</i>	Goutweed or Bishop's weed
<i>Aira caryophylla</i>	Silver hairgrass
<i>Alliaria petiolata</i>	Garlic mustard
<i>Allium vineale</i>	Field garlic
<i>Ampelopsis brevipedunculata</i>	Porcelain berry
<i>Anthoxanthum odoratum</i>	Sweet vernal grass
<i>Anthriscus sylvestris</i>	Chervil
<i>Arctium minus</i>	Common burdock
<i>Artemisia vulgaris</i> ²	Mugwort
<i>Arthraxon hispidus</i> ²	Hairy jointgrass
<i>Asparagus officinalis</i>	Asparagus
<i>Barbarea vulgaris</i>	Yellow rocket
<i>Bassia scoparia</i> (<i>Kochia scoparia</i>)	Summer cypress
<i>Bromus tectorum</i>	Drooping brome-grass
<i>Butomus umbellatus</i>	Flowering rush
<i>Cabomba caroliniana</i>	Fanwort
<i>Callitricha stagnalis</i>	Water-starwort
<i>Calystegia sepium</i>	Japanese bindweed
<i>Cardamine impatiens</i>	Bushy rock-cress
<i>Cardamine pratensis</i>	Cuckoo-flower
<i>Carex kobomugi</i>	Japanese sedge
<i>Centaurea stoebe</i> ssp. <i>micranthos</i> (<i>C. biebersteinii</i>)	Spotted knapweed
<i>Chelidonium majus</i>	Celandine
<i>Cirsium arvense</i>	Canada-thistle
<i>Cirsium palustre</i>	Marsh thistle
<i>Commelinia communis</i>	Asiatic day-flower
<i>Cynanchum louiseae</i> (<i>Vincetoxicum nigrum</i>)	Black swallow-wort
<i>Cynanchum rossicum</i> (<i>Vincetoxicum rossicum</i>)	Black swallow-wort
<i>Cyperus esculentus</i>	Yellow nutsedge

<i>Dactylis glomerata</i>	Orchard-grass
<i>Datura stramonium</i>	Jimsonweed
<i>Echinochloa crus-galli</i>	Barnyard grass
<i>Egeria densa</i>	Giant waterweed
<i>Eichhornia crassipes</i>	Water hyacinth
<i>Eleusine indica</i>	Goosegrass
<i>Elsholtzia ciliata</i>	Elsholtzia
<i>Elymus repens</i> (<i>Elytrigia repens</i>)	Quack-grass
<i>Epilobium hirsutum</i>	Hairy willow-herb
<i>Euphorbia cyparissias</i>	Cypress spurge
<i>Euphorbia esula</i>	Leafy spurge
<i>Fallopia baldschuanica</i>	Silver lace-vine
(<i>Polygonum baldschuanicum</i> , <i>P. aubertii</i>)	
<i>Fallopia japonica</i> (<i>Polygonum cuspidatum</i>)	Japanese knotweed
<i>Fallopia sachalinensis</i>	Giant knotweed
(<i>Polygonum sachalinense</i>)	
<i>Festuca trachyphylla</i> (<i>F. ovina</i> , <i>F. brevipila</i>)	Sheep fescue
<i>Ficaria verna</i> (<i>Ranunculus ficaria</i>)	Lesser celandine
<i>Froelichia gracilis</i>	Slender snake cotton
<i>Geranium ibericum</i>	Nepalese crane's-bill
<i>Geranium sibiricum</i>	Siberian crane's-bill
<i>Geranium thunbergii</i>	Thunberg's geranium
<i>Glaucium flavum</i>	Sea- or horned poppy
<i>Glechoma hederacea</i>	Gill-over-the-ground
<i>Glyceria maxima</i>	Sweet reedgrass
<i>Hemerocallis fulva</i>	Tiger-lily
<i>Heracleum mantegazzianum</i>	Giant hogweed
<i>Hesperis matronalis</i>	Dame's rocket
<i>Hydrilla verticillata</i>	Hydrilla
<i>Hydrocharis morsus-ranae</i>	European frog-bit
<i>Hylotelephium telephium</i> (<i>Sedum telephium</i>)	Live-forever or Orpine
<i>Hypericum perforatum</i>	St. John's wort
<i>Impatiens glandulifera</i>	Ornamental jewelweed
<i>Iris pseudacorus</i>	Yellow iris
<i>Lamium</i> spp. (all)	Dead nettle
<i>Lepidium latifolium</i>	Tall pepperwort
<i>Leptochloa panicea</i>	Hair fescue
<i>Lotus corniculatus</i>	Birdsfoot trefoil
<i>Luzula luzuloides</i>	Oakforest woodrush
<i>Lychnis flos-cuculi</i>	Ragged robin
<i>Lysimachia nummularia</i>	Moneywort
<i>Lysimachia vulgaris</i>	Garden loosestrife
<i>Lythrum salicaria</i>	Purple loosestrife
<i>Malva neglecta</i>	Cheeses or common malva
<i>Marsilea quadrifolia</i>	Water shamrock or Eurasian water clover

<i>Mentha arvensis</i>	Field-mint
<i>Microstegium vimineum</i>	Japanese stilt-grass
<i>Misanthus sinensis</i>	Eulalia
<i>Myosotis scorpioides</i>	True forget-me-not
<i>Myosoton aquaticum</i>	Giant chickweed
<i>Myriophyllum aquaticum</i>	Parrot feather
<i>Myriophyllum heterophyllum</i>	Variable water-milfoil
<i>Myriophyllum spicatum</i>	Eurasian water-milfoil
<i>Najas minor</i>	Lesser naiad
<i>Nasturtium microphyllum</i> (<i>Rorippa microphylla</i>)	One-row yellow cress
<i>Nasturtium officionale</i> (<i>Rorippa nasturtium-aquaticum</i>)	Watercress
<i>Nelumbo lutea</i> ²	American water lotus
<i>Nymphoides peltata</i>	Yellow floating heart
<i>Onopordum acanthium</i>	Scotch thistle
<i>Ornithogalum umbellatum</i>	Star of Bethlehem
<i>Pastinaca sativa</i>	Wild parsnip
<i>Persicaria maculosa</i> (<i>Polygonum persicaria</i>)	Lady's thumb
<i>Persicaria perfoliata</i> (<i>Polygonum perfoliatum</i>)	Mile-a-minute vine
<i>Persicaria posumbu</i> (<i>Polygonum caespitosum</i>)	Cespitose knotweed
<i>Phalaris arundinacea</i>	Reed canary-grass
<i>Phragmites australis</i>	Reed grass, Phragmites
<i>Pistia stratiotes</i>	Water lettuce
<i>Poa compressa</i>	Canada bluegrass
<i>Poa pratensis</i>	Kentucky bluegrass
<i>Poa trivialis</i>	Rough bluegrass
<i>Potamogeton crispus</i>	Curly pondweed
<i>Puccinellia maritima</i> (<i>P. americana</i>)	Seaside alkali-grass
<i>Pueraria montana</i>	Kudzu
<i>Ranunculus ficaria</i> ²	Fig Buttercup
<i>Ranunculus repens</i>	Creeping buttercup
<i>Rorippa sylvestris</i>	Creeping yellow cress
<i>Rumex acetosella</i>	Sheep-sorrel
<i>Rumex obtusifolius</i>	Bitter dock
<i>Salvinia molesta</i>	Salvinia
<i>Securigera varia</i> (<i>Coronilla varia</i>)	Crown vetch
<i>Senecio jacobaea</i>	Tansy ragwort
<i>Setaria pumila</i> (<i>S. lutescens</i> , <i>S. glauca</i>)	Yellow foxtail or yellow bristlegrass
<i>Silphium perfoliatum</i>	Cup plant
<i>Solanum dulcamara</i>	Bittersweet nightshade
<i>Stellaria graminea</i>	Common stitchwort
<i>Tanacetum vulgare</i>	Tansy
<i>Thymus pulegioides</i>	Wild thyme
<i>Trapa natans</i>	Water-chestnut

<i>Tussilago farfara</i>	Coltsfoot
<i>Typha angustifolia</i>	Narrow-leaved cattail
<i>Typha latifolia</i> ³	Common or Broad-leaved cattail
<i>Typha X glauca</i>	Hybrid cattail
<i>Valeriana officinalis</i>	Garden heliotrope
<i>Verbascum thapsus</i>	Common mullein
<i>Veronica beccabunga</i>	European speedwell
<i>Xanthium strumarium</i>	Common cocklebur

b. Woody Plants:

<i>Acer ginnala</i>	Amur maple
<i>Acer platanoides</i>	Norway maple
<i>Acer pseudoplatanus</i>	Sycamore maple
<i>Actinidia arguta</i>	Kiwi vine
<i>Ailanthus altissima</i>	Tree-of-heaven
<i>Alnus glutinosa</i>	European alder
<i>Amorpha fruticosa</i>	False indigo
<i>Berberis thunbergii</i>	Japanese barberry
<i>Berberis vulgaris</i>	Common barberry
<i>Catalpa speciosa</i>	Western catalpa
<i>Celastrus orbiculatus</i>	Oriental bittersweet
<i>Cytisis scoparius</i>	Scotch broom
<i>Elaeagnus angustifolia</i>	Russian olive
<i>Elaeagnus umbellata</i>	Autumn olive
<i>Euonymus alatus</i>	Winged euonymus
<i>Euonymus hederaceus (E. fortunei)</i>	Climbing euonymus
<i>Frangula alnus (Rhamnus frangula)</i>	European buckthorn
<i>Humulus japonicus</i>	Japanese hops
<i>Hypericum prolificum</i>	Shrubby St. John's wort
<i>Ligustrum obtusifolium</i>	Japanese privet
<i>Ligustrum ovalifolium</i>	California privet
<i>Ligustrum sinense</i>	Chinese privet
<i>Ligustrum vulgare</i>	Common/hedge privet
<i>Lonicera japonica</i>	Japanese honeysuckle
<i>Lonicera maackii</i>	Amur honeysuckle
<i>Lonicera morrowii</i>	Morrow's honeysuckle
<i>Lonicera tatarica</i>	Tatarian honeysuckle
<i>Lonicera X bella</i>	Morrow's X Tatarian honeysuckle
<i>Lonicera xylosteum</i>	European fly-honeysuckle
<i>Morus alba</i>	White mulberry
<i>Paulownia tomentosa</i>	Princess tree or empress tree
<i>Phellodendron amurense (P. japonicum)</i>	Corktree
<i>Populus alba</i>	Silver poplar

<i>Rhamnus cathartica</i>	Common buckthorn
<i>Ribes rubrum</i> (<i>R. sativum</i>)	Garden red currant
<i>Robinia pseudoacacia</i>	Black locust
<i>Rosa multiflora</i>	Multiflora rose
<i>Rosa rugosa</i>	Rugosa rose
<i>Rubus phoenicolasius</i>	Wineberry
<i>Salix purpurea</i>	Basket or purple-osier willow
<i>Sorbus aucuparia</i>	European mountain-ash
<i>Taxus cuspidata</i>	Japanese yew
<i>Ulmus pumila</i>	Siberian elm
<i>Wisteria floribunda</i>	Wisteria

¹Scientific names are those used primarily in National Wetland Plant List (http://wetland_plants.usace.army.mil/) and secondarily in USDA PLANTS database (<http://plants.usda.gov/>).

²These are species that are listed on the Connecticut Invasive Plant List published by the Connecticut Invasive Plants Council and are not listed on the ACOE wetland mitigation guidelines.

³ *Typha* spp. are native species which provide good water quality renovation and other functions/values. However, they are aggressive colonizers which, given the opportunity, will preclude establishment of other native species. They are included in this list as species not to be planted, not because they are undesirable in an established wetland, but to provide opportunities for other species to become established. It is likely they will eventually move in without human assistance.